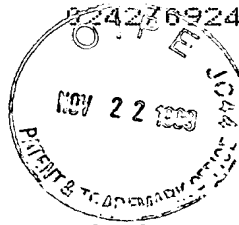




UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/389,835	09/03/99	RUOHO	A 960296.95581

JILL A FAHRLANDER
QUARLES & BRADY LLP
PO BOX 2113
MADISON WI 53701-2113



NOT ASSIGNED

1646

DATE MAILED:

09/24/99

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 130.00.

☐ 1. The statutory basic filing fee is:

- ☐ missing.
- ☐ insufficient.

Applicant must submit \$ _____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. Additional claim fees of \$ _____, including any multiple dependent claim fees, are required.

\$ _____ for _____ independent claims over 3.

\$ _____ for _____ dependent claims over 20.

\$ _____ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☐ is missing or unexecuted.
- ☐ does not cover the newly submitted items.
- ☐ does not identify the application to which it applies.
- ☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.


Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/389835
00000062 170055
11/23/1999 CCETIN
01 FC:205
65.00 CH

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

Date of Signature and Deposit: November 17, 1999


Jill A. Fahrlander

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arnold E. Ruoho et al.

Date: November 17, 1999

Serial No.: 09/389,835

Group Art Unit: 1646

Filed: September 3, 1999

Examiner:

File No.: 960296.95581

For: BACTERIORHODOPSIN/G RPOTEIN-COUPLED RECEPTOR CHIMERAS

REQUEST FOR CORRECTED FILING RECEIPT

Assistant Commissioner For Patents
Box Patent Application
Customer Correction Branch
Washington DC 20231

Dear Sir:

An error was noted in the Filing Receipt received in connection with the above-noted application. The filing date of the provisional application claims priority was incorrectly listed as "09/03/98" instead of 09/04/98. Applicants have enclosed a corrected Filing Receipt.

Applicants assume that no fees are required to enter this correction. However, if a fee is required please charge deposit account 17-0055.

Respectfully submitted,

By: 

Jill A. Fahrlander
Reg. No.: 42,518
QUARLES & BRADY
P.O. Box 2113
Madison, WI 53701-2113
(608) 251-5000

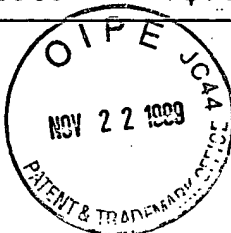
FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/389,835	09/03/99	1646	\$760.00	960296.95581	0	14	3

JILL A FAHRLANDER
QUARLES & BRADY LLP
PO BOX 2113
MADISON WI 53701-2113



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) ARNOLD E. RUOHO, MADISON, WI; MICHAEL K. SIEVERT,
MADISON, WI; MARK P. KREBS, MADISON, WI; ANDREW H. GEISER,
MADISON, WI.

CONTINUING DATA AS CLAIMED BY APPLICANT-
PROVISIONAL APPLICATION NO. 60/098,950 ~~09/03/98~~

09/04/98

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 09/22/99
TITLE
BACTERIORHODOPSIN/G PROTEIN-COUPLED RECEPTOR CHIMERAS

PRELIMINARY CLASS: 530

DATA ENTRY BY: ANISTEAD, KIRK

TEAM: 04 DATE: 09/22/99

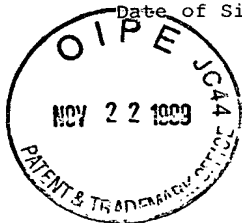


(See reverse for new important information)

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Signature and Deposit: November 17, 1999

Jill A. Fahrlander



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arnold E. Rouoho, et al. Date: November 17, 1999
Serial No.: 09/389,835 Group Art Unit: 1646
Filed: September 3, 1999 Examiner:
For: BACTERIORHODOPSIN/G File No.: 960296.95581
 PROTEIN-COUPLED RECEPTOR
 CHIMERAS

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

Assistant Commissioner For Patents
Attention: Box Missing Parts
Washington DC 20231


Dear Sir:

In the matter of the above-identified case and in response to a Notice to File Missing Parts of Application mailed September 24, 1999, the applicants request that the following response be entered.

The Notice to File Missing Parts indicates that the declaration filed with the application was unexecuted.

Enclosed is a Verified Statement claiming small entity status, a Declaration executed by the four named inventors, a copy of the Notice to File Missing Parts, and a fee transmittal authorizing that the \$65 small entity surcharge be charged to Deposit Account 17-0055.

Respectfully submitted,



Jill A. Fahrlander
Reg. No. 42,518
Attorney for Applicants
Quarles & Brady LLP
P.O. Box 2113
Madison, WI 53701-2113
(608) 251-5000

FEE TRANSMITTAL

NOV 22 1999

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement otherwise large entity fees must be paid, See Forms PTO/SB/09-12

TOTAL AMOUNT OF PAYMENT \$ 65.00

Complete if Known

Application Number	09/389,835
Filing Date	September 3, 1999
First Named Inventor	Arnold E. Ruoho
Group Art Unit	1646
Examiner Name	
Attorney Docket	960296.95581

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 17-0055

Deposit Account Name Quarles & Brady LLP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)
2. ☐ Payment Enclosed:
☐ Check
 ☐ Money Order
 ☐ Other

FEE CALCULATION (fees effective 11/10/98)

1. FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. CLAIMS

	Extra	Fee from below	Fee Paid
Total Claims <input type="text"/> -20**= <input type="text"/> X <input type="text"/> = <input type="text"/>			
Independent Claims <input type="text"/> -3**= <input type="text"/> X <input type="text"/> = <input type="text"/>			
Multiple Dependent Claims <input type="text"/>			

** or number previously paid, if greater, For reissues see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	09	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	78	209	39	**Reissue independent claims over original patent
110	18	210	09	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee
105	130	205	65	Surcharge - late filing fee or oath	65.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	'920	112	'920	Requesting publication of SIR prior to Examiner action	
113	'1,840	113	'1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,210	241	605	Petition to revive unintentionally abandoned application	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) Other fee (specify)

SUBTOTAL (3) (\$ 65.00)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name Jill A. Fahrlander

Signature 

Date

November 17, 1999

Complete (if applicable)

Reg. Number 42,518

Deposit Account User ID 17-0055